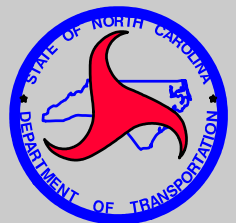


Transportation Planning for Brunswick County

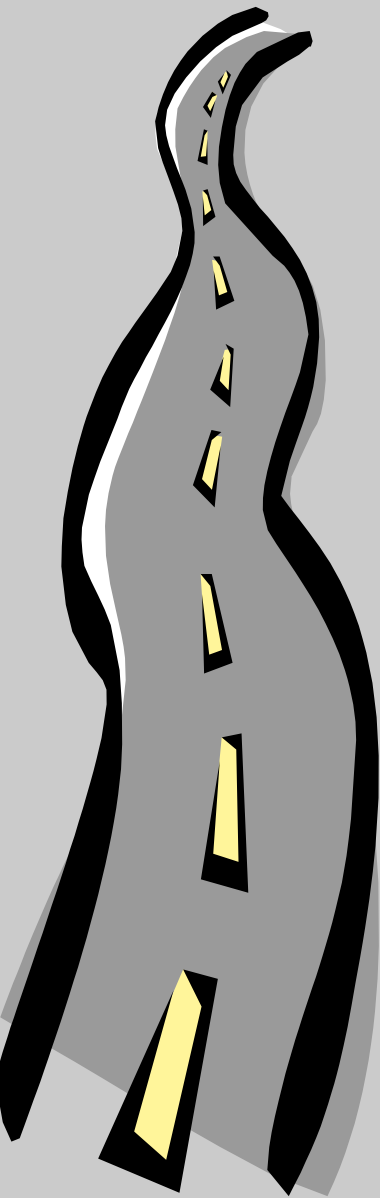


*NC Department of Transportation
Transportation Planning Branch*

September 26, 2006



What is Transportation Planning?



Transportation Planning is the process by which NCDOT, local officials and local planning organizations collaborate to develop a comprehensive transportation plan (CTP) for a specified planning area. CTPs depict recommended improvements to local transportation systems needed to meet existing and future multi-modal travel demands.

North Carolina General Statute 136-66.2

Transportation Planning

Requirements for the development and adoption of Transportation Plans with local jurisdictions:

- ☐ Adopted land development plans within the past five years or be in the process
- ☐ A Land Development Plan is a plan or policy that expresses a jurisdiction's goals and objectives for land development
- ☐ NCDOT may review and comment, but may not approve land development plans.

Comprehensive Transportation Plan

≡ Multimodal

- ≡ Highway*
- ≡ Public Transportation and Rail*
- ≡ Bicycle*
- ≡ Pedestrian (future)*

≡ Recommendations

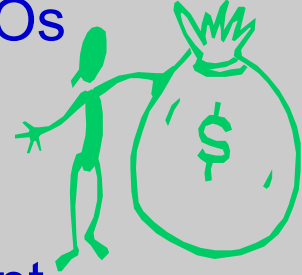
- ≡ Existing, Needs Improvements, & Recommended (new location)*

≡ Highway Categories

- ≡ Freeways*
- ≡ Expressways*
- ≡ Boulevards*
- ≡ Other Major/Minor Thoroughfares*

*What are the **Benefits** of having a CTP?*

- Common long range vision for multi-modal facilities between NCDOT, MPOs, RPOs and local governments.
- More detailed project information for Programming and Project Development.
- Better integration of transportation planning with land use planning.
- Reduced costs associated with right-of-way & construction activities.
- Minimization of impacts to the natural and human environment.
- Stronger ties to local priorities.
- Documentation that can be used as a guide for future development and transportation decisions.



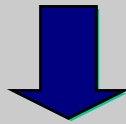
*A Comprehensive Transportation Plan Does **NOT**...*

- Make a promise to build roads.*
- Determine a pinpoint location of new roads.*

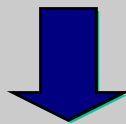


Project Development Process

Long-Range Planning
Determining the Need



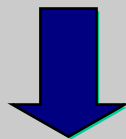
Program Development
Funding the Projects



Project Planning
Minimizing the Impacts

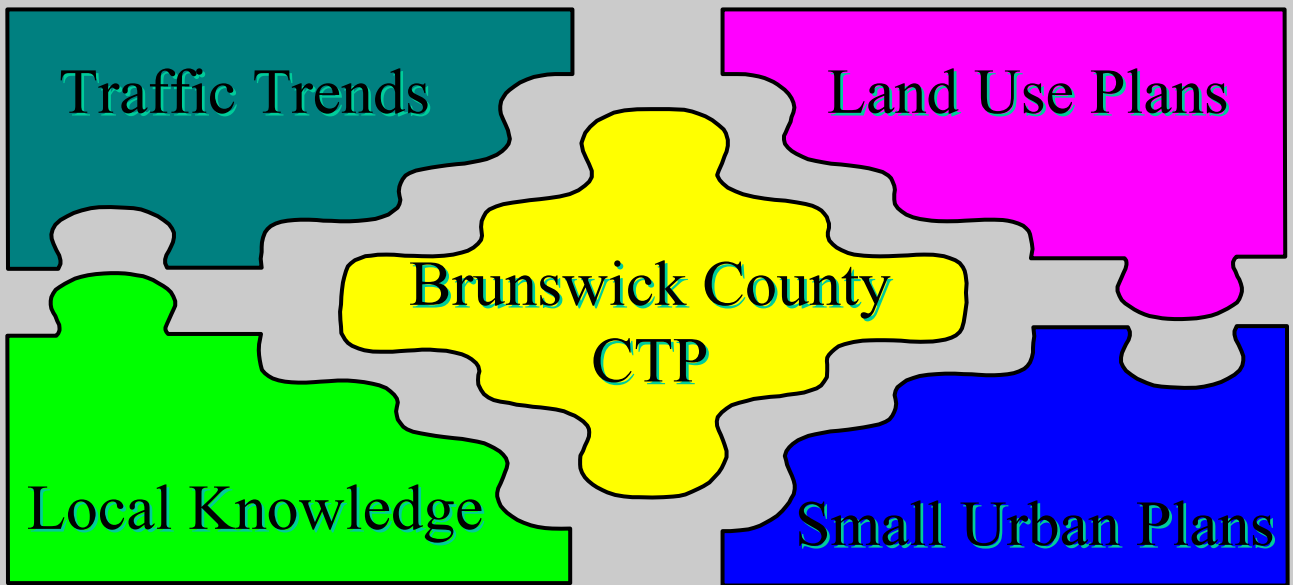


Project Design
Design & ROW



Construction, Maintenance, Operations
Building & Maintaining the Road

County Comprehensive Transportation Plans



**County CTPs provides continuity and connectivity among urban areas within the county and with contiguous counties.*

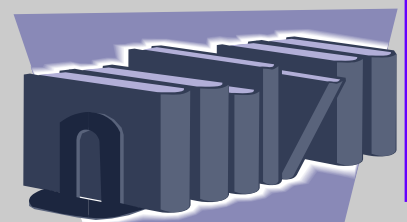
Existing Plans Within Brunswick County

Transportation Plans

Brunswick County Thoroughfare Plan - 2001
Boiling Spring Lakes Thoroughfare Plan - 2002
Carolina Shores Transportation Plan - 2006(local)
Oak Island Thoroughfare Plan - 1998
Ocean Isle CTP- 2004
Shallotte Thoroughfare Plan - 2001
Southport Thoroughfare Plan - 2001
Wilmington MPO LRTP - 2005

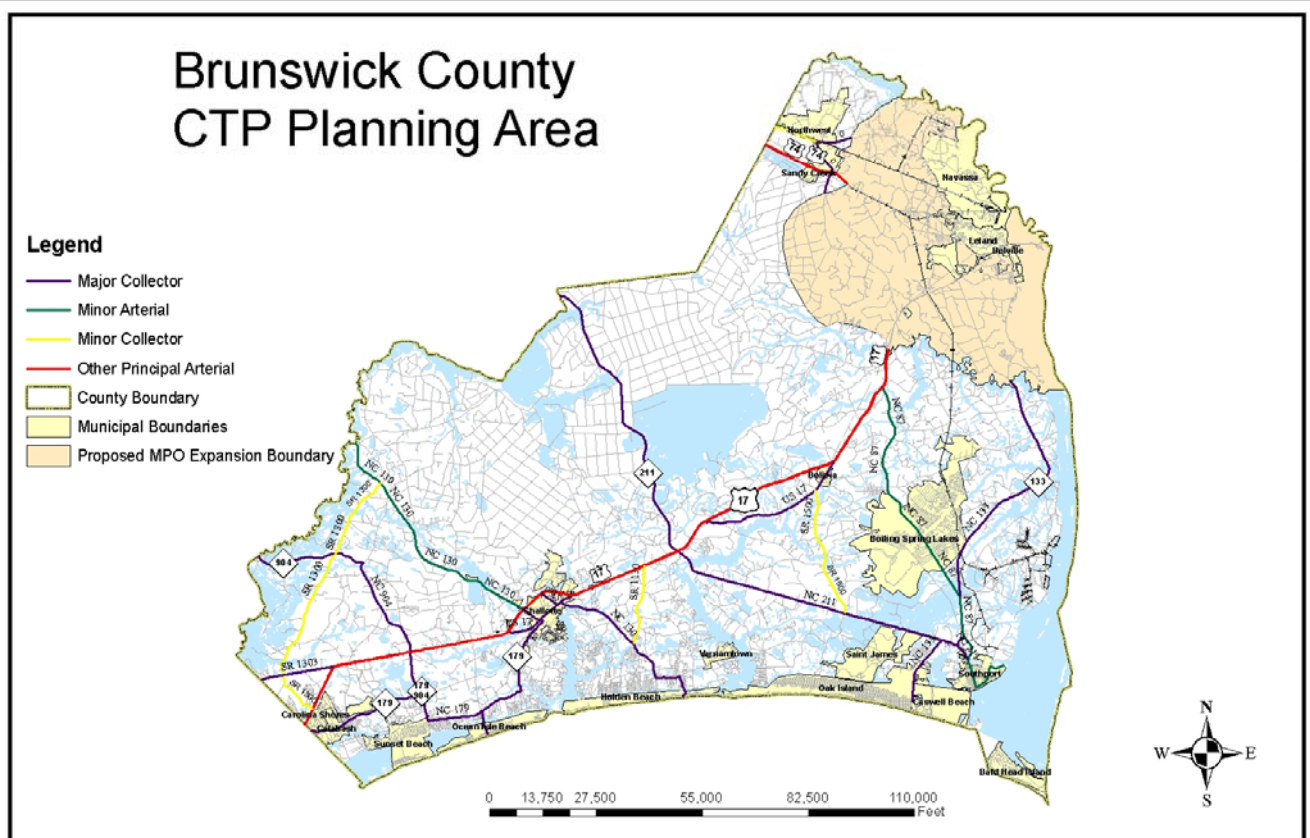
Land Use Plans

Brunswick Tomorrow - 2004
Brunswick County Unified Development Ordinance
Brunswick County -2006
Boiling Springs Lake -1998
Bolivia Land Use Plan - 1996
Caswell Beach -1997
Ocean Isle Beach -1997
Oak Island - 1999
Sunset Beach - 1997
Shallotte - 2006
Southport - 2006
Varnamtown - 2006



Brunswick County Planning Area

In order to provide a more comprehensive look at the transportation issues within the county, all urban areas, except areas within the expanded Wilmington MPO boundary, will be included in this study. Close coordination will be maintained with the Wilmington MPO.



Tasks Involved in Developing a CTP:

1. Study Initiation

- Meeting with community leaders and area transportation officials to discuss transportation concerns and the development of a steering committee to help drive the process.*



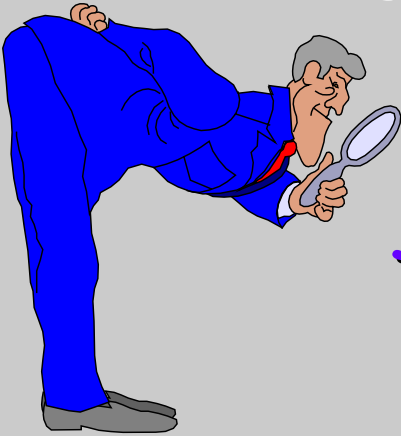
- Field Investigations to develop an inventory of local roads .*

Tasks Involved in Developing a CTP:

2. Data Collection

- Population*
 - Land Use Patterns*
 - Traffic Data (AADT)*
 - Accident History*
 - Roadway and Bridge Conditions*
 - Environmental Features*
 - Input From Local Policy Boards and the Public*
 - Current Funded TIP Projects*
- 
- A stylized illustration of a person with dark hair, wearing a black shirt, sitting at a brown desk. On the desk is a white computer monitor and a white keyboard. The person is looking at the monitor. Surrounding the desk are several large, tall stacks of white papers or documents, some with yellowed edges, suggesting a large volume of data or paperwork. The background is a light gray.

Tasks Involved in Developing a CTP:



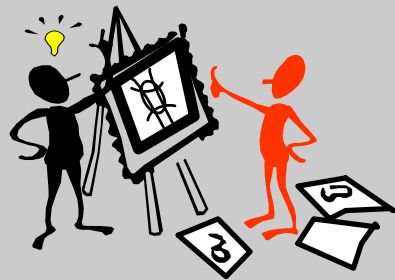
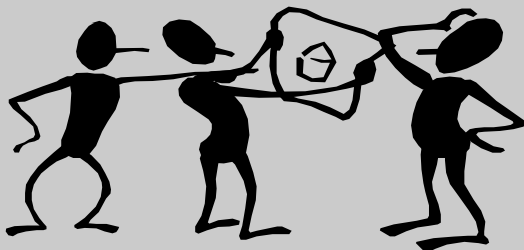
3. Data Analysis and Projections

- ≡ *Project future traffic, population and land use.*
- ≡ *Analyze local traffic patterns.*
- ≡ *Identify and map existing & future capacity deficiencies.*
- ≡ *Examine environmentally sensitive areas, i.e., wetlands, floodplains, historic structures, threatened and endangered species.*

Tasks Involved in Developing a CTP:

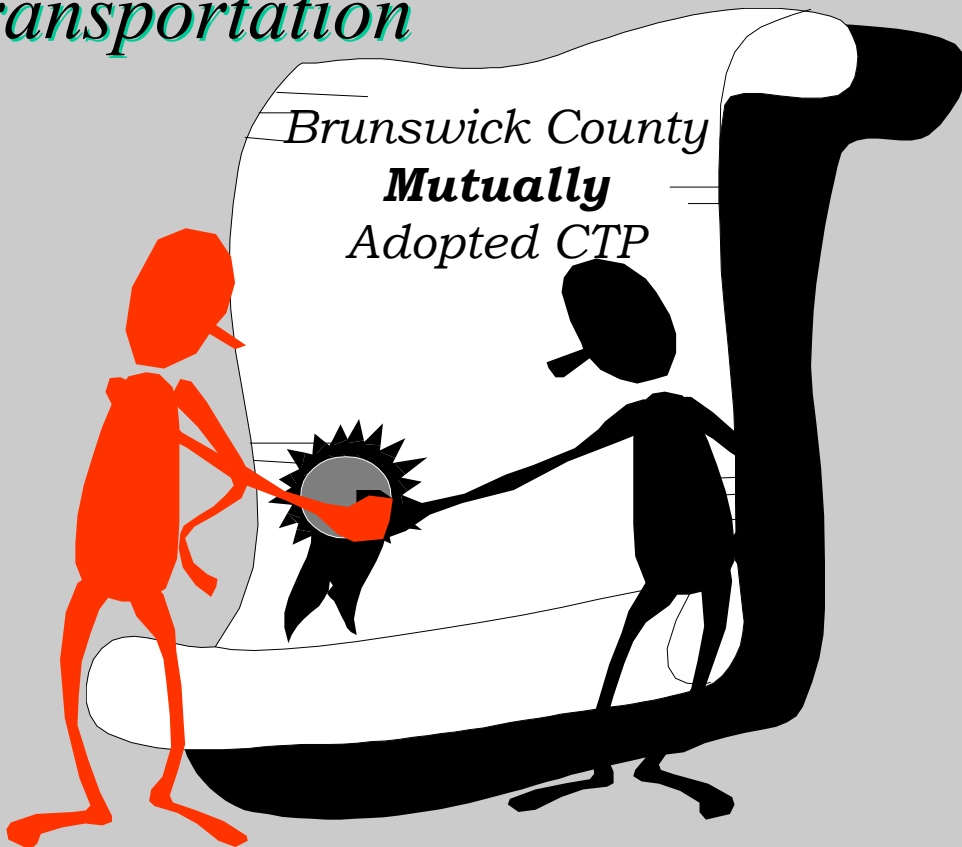
4. Plan Development

- Develop recommendations based on estimated future year deficiencies.*
- Work with steering committee to identify roadway problems and possible solutions.*
- Conduct informational public workshop(s).*
- Work with steering committee to develop a CTP that will best meet the needs of the area.*

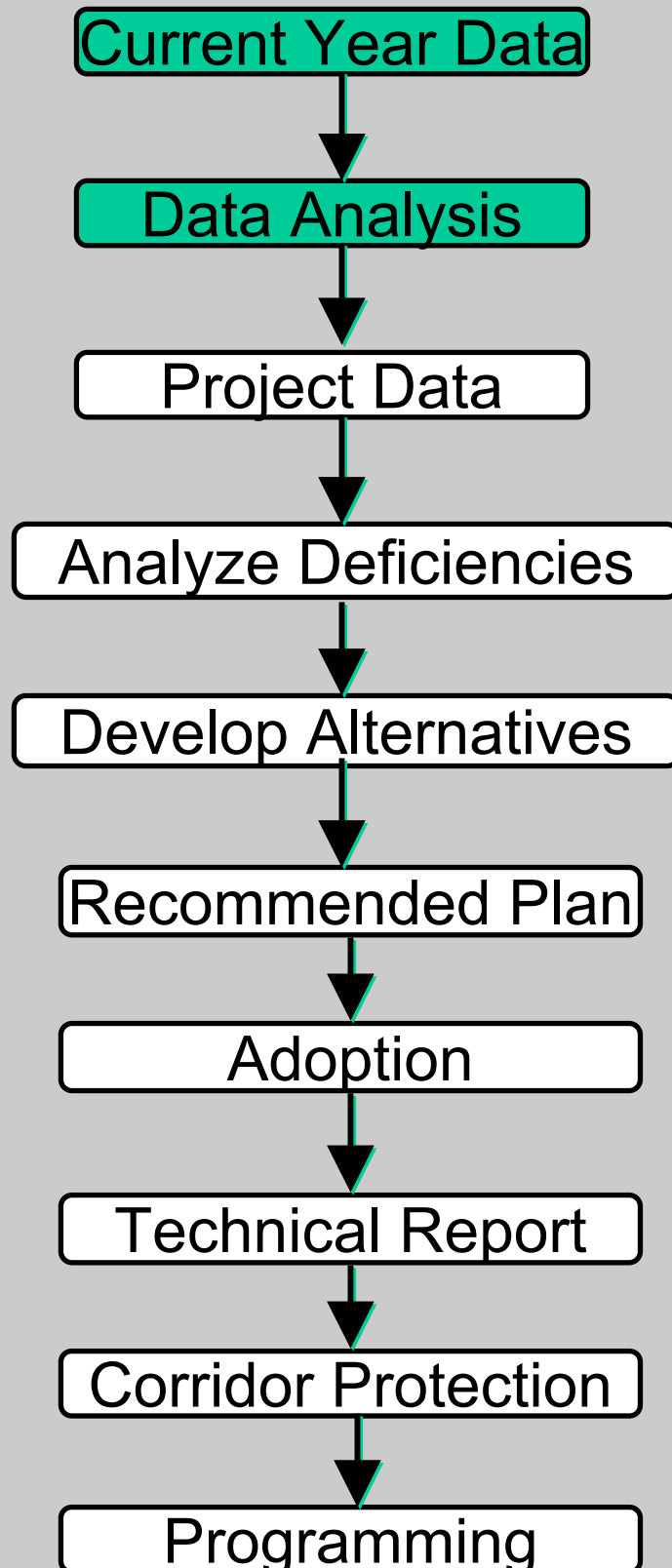


Plan Adoption

- ≡ *Public Hearing on Recommended Comprehensive Transportation Plan*
- ≡ *Adoption by County Commissioners*
- ≡ *Adoption by Local Municipalities*
- ≡ *Adoption by North Carolina Board of Transportation*

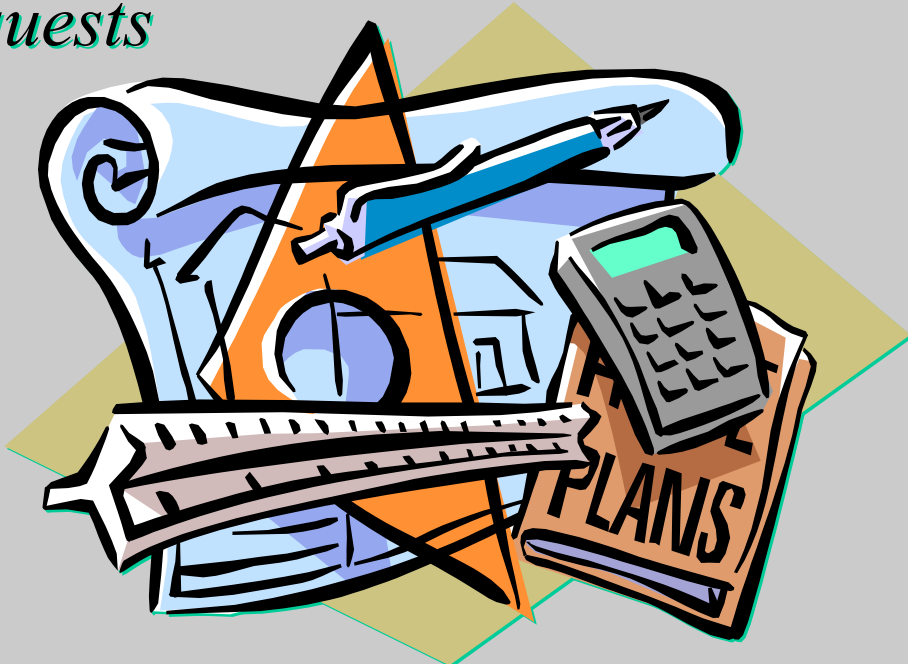


Where Are We in the Process?



Plan Implementation

- ▢ *Coordinated Subdivision and Land Use Controls*
- ▢ *Development Reviews*
- ▢ *Utilization of Purpose and Need Statements for Project Development*
- ▢ *Project Prioritization for TIP Funding Requests*



Plan Comparison

**Comprehensive
Transportation Plan
(25-30 Year Plan)**

**TIP
(7 Year Plan)**

	Adopted By NCDOT BOT	Fiscally Constrained	A/Q Conformity Analysis Required	Approximate Plan Horizon
Comprehensive Transportation Plan	Yes	No	No	30 Years
Transportation Improvement Program	Yes	Yes	Yes, for non-attainment areas	7 Years

Next Steps & Open Discussion



- Continue with any remaining data collection
- Develop a Public Participation Policy
- Goals & Objectives Survey (headed up by the County)
- Begin to analyze the present year capacity deficiencies

Future Questions or Concerns??

Contact: Earlene Thomas, P.E.
Kurt Freitag

by phone: (919) 733-4705

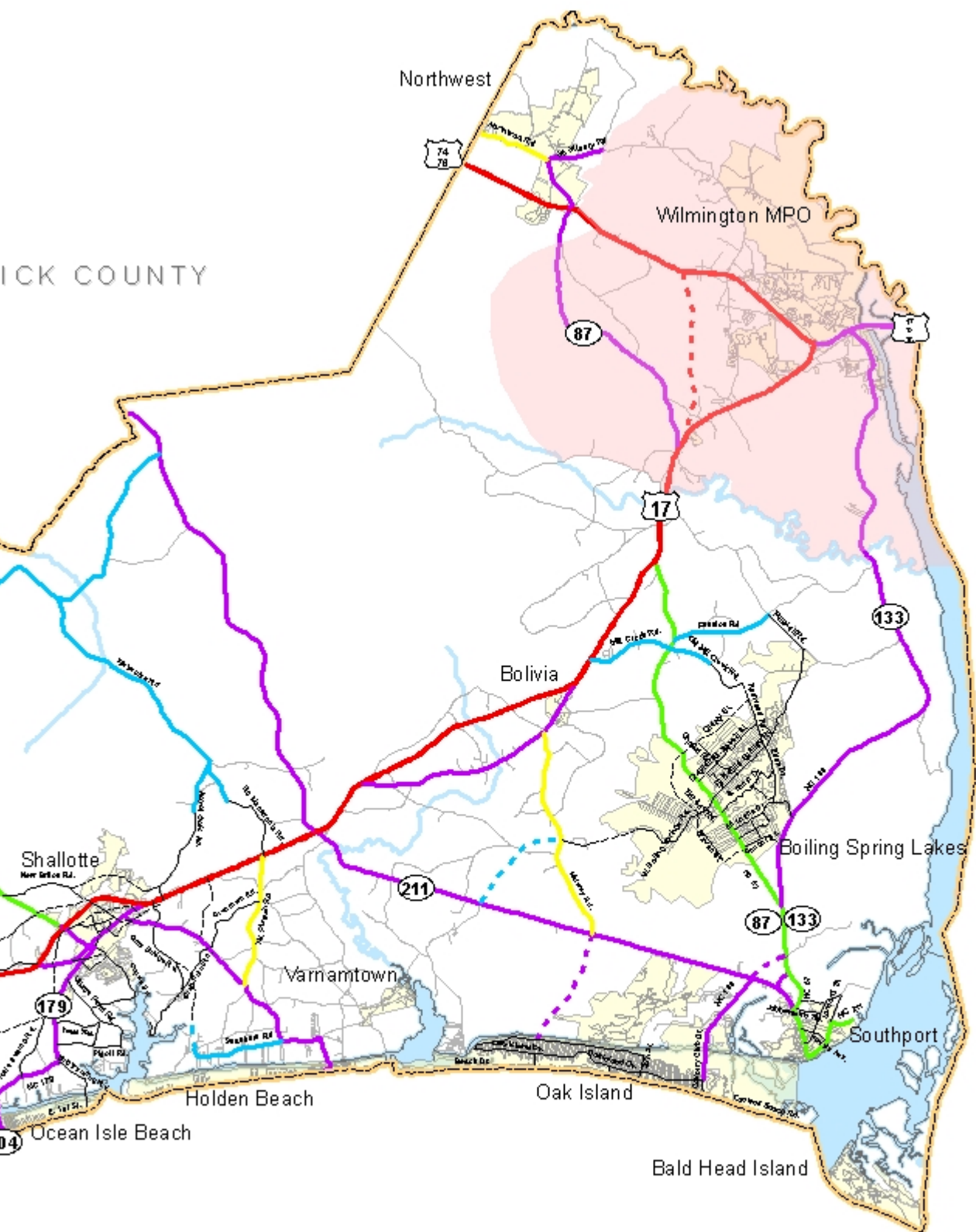
or email: ewthomas@dot.state.nc.us
kfreitag@dot.state.nc.us

or write:

NCDOT - Transportation Planning Branch
1554 Mail Service Center
Raleigh, NC 27699-1554



WICK COUNTY



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Wilmington MPO

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